



SHEET 1 OF 3

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY. DOCKET NO. STANF.18H	SERIAL NO. 137,870
INFORMATION DISCLOSURE CITATION <small>(USE SEVERAL SHEETS IF NECESSARY)</small>					APPLICANT Shaw et al.	
					FILING DATE 12/22/87	GROUP 251

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JDL	4 3 6 2 3 5 9	12/7/82	Dammann et al.	350	96.19	_____
JDL	4 3 4 3 5 3 2	8/10/82	Palmer	350	96.19	_____
JDL	4 3 4 2 4 9 9	8/3/82	Hicks, Jr.	350	96.15	_____
JDL	4 3 3 5 9 3 3	6/22/82	Palmer	350	96.19	_____
JDL	4 3 1 5 6 6 6	2/16/82	Hicks, Jr.	350	96.15	_____
JDL	4 3 0 0 8 1 1	11/17/81	Ettenberg et al.	350	1.1	_____
JDL	4 3 0 1 5 4 3	11/17/81	Palmer	455	612	_____
JDL	4 2 4 3 2 9 7	1/6/81	Elion	350	96.15	_____
JDL	4 3 0 7 9 3 3	12/29/81	Palmer et al.	350	96.16	_____
JDL	3 9 5 7 3 4 1	5/18/76	Taylor	350	96.15	—

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
JDL	JP 5 5-7 6 3 0 8	6/9/80	Japan	—	—	X —
JDL	EP 0 3 8 0 2 3	10/21/81	Europe	—	—	X —
JDL	GB 1 0 9 4 6 3 9	12/13/67	U.K.	—	—	X —
JDL	JP 5 3-9 1 7 5 2	11/8/78	Japan	—	—	X —
JDL	DE 1 4 3 9 4 6 9	11/68	Germany, W.	—	—	— X
JDL	JP 5 7-8 5 0 0 4	5/82	Japan	—	—	— X

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

JDL	1	✓ Injeyan et al., Light Amplification by Evanescent Wave Coupling in a Multimode Fiber", APPLIED OPTICS, Vol. 21, No. 11, 6/82, pp. 1928-1932.			14
JDL	2	✓ Digonnet al., "Analysis of a Tunable Single Mode Optical Fiber Coupler", IEEE J. OF QUANTUM ELECTRONICS, Vol. QE-18, No. 4, April 1982, pp. 746-753.			14
JDL	3	✓ Bergh et al., "Single Mode Fiber Optic Directional Coupler", ELECTRONICS LETTERS, Vol 16, No. 7, 3/27/80, pp. 260-261.			14

EXAMINER

JOHN D. LEE

DATE CONSIDERED

23 NOVEMBER 1988

*EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

FORM PTO-1449

SHEET 2 OF 3

INFORMATION ON DISCLOSURE CITATION

(USE SEVERAL SHEETS IF NECESSARY)

ATTY. DOCKET NO.

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Shaw et al.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JDL		3 2 3 0 4 7 4	1/66	Keck et al.	372	70	
JDL		3 4 5 6 2 1 1	7/69	Koester	372	6	
JDL		3 7 3 1 2 2 5	5/73	Wild et al.	372	6	
JDL		3 7 5 3 1 4 5	8/73	Chesler	372	75	
JDL		3 9 0 2 1 3 0	8/75	Pike	330	4.3	
JDL		3 9 1 4 7 0 9	10/75	Pike et al.	372	30	
JDL		3 9 7 5 6 9 2	8/76	Mego, Jr. et al.	372	26	
JDL		4 1 3 6 9 2 9	1/79	Suzaki	350	96.15	
JDL		4 2 5 8 3 3 6	3/81	Fletcher et al.	372	94	
JDL		4 3 8 3 3 1 8	5/83	Barry et al.	372	6	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JDL	0 1 1 2 0 9 0	6/84	Europe			X	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

JDL	4	Kapany et al., "Coherent Interactions Between Optical Waveguides...", J. OPTICAL SOCIETY OF AMERICA, Vol. 58, No. 9, 9/68, pp. 1176-1183.					
JDL	5	Periasamy et al., "Laser Amplification in an Optical Fiber by Evanescent Field Coupling", APPLIED PHYSICS, Vol. 24, No. 3, 3/81, pp. 201-203.					
JDL	6	Burrus et al., "Single-Crystal Fiber Optical Devices: A Nd:YAG Fiber Laser", APPLIED PHYSICS LETTERS, Vol. 26, No. 6, 3/15/75; pp. 318-320.					

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>JDL</i>	7	<p>Alferov et al., "Multichannel Duplex Fiber-Optic Communication Line...", SOVIET JOURNAL OF QUANTUM ELECTRONICS, Vol. 12, No. 8, 8/82, pp. 1088-1090.</p>

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